Data Governance Principles, Decision Domains and Organizational Structures

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Message from the Guest Editors

Dear Colleagues,

We are currently living in a data-driven world and dealing with big data and Internet of Things. Data-intensive products and services aim to turn big data into a value or strategic asset for organizations. However, the inherent risk and cost of storing and managing a massive amount of data undermine the value created by such products and services. Consequently, organizations are required to adopt an appropriate data governance program to establish the necessary policies and structures in order to strike a balance between value creation and risk and cost. This research topic explores the data governance in detail, focusing on data governance principles, decision domains, and organizational structures. Data governance challenges, opportunities, and practices for big data and Internet of Things (IoT) domains must be further explored. It is also necessary to diagnose industrial big data applications and products whose data need further governance.

Special Issue

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Message from the Editor-in-Chief

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